

Suchy Gruby

- Gravity **8.8 BLG**
- ABV **3.4 %**
- IBU **6**
- SRM **2.7**
- Style **Berliner Weisse**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.9 liter(s)**
- Total mash volume **15.3 liter(s)**

Steps

- Temp **52 C**, Time **20 min**
- Temp **70 C**, Time **45 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **11.9 liter(s)** of strike water to **56.6C**
- Add grains
- Keep mash **20 min** at **52C**
- Keep mash **45 min** at **70C**
- Keep mash **10 min** at **78C**
- Sparge using **16.8 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pilsen Malt	1.7 kg (50%)	80.5 %	2
Grain	Briess - Wheat Malt, Red	1.7 kg (50%)	81 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	5 g	60 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Lallemand - WildBrew Philly Sour	Ale	Dry	11 g	Lallemand

Extras

Type	Name	Amount	Use for	Time
Flavor	pulpa mango	700 g	Secondary	3 day(s)
Flavor	pulpa marakuja	300 g	Secondary	3 day(s)